

THE CLAIMS

Claims 1-32 are pending in the instant application. Claims 1, 11 and 21 are independent. Claims 2-10, 12-20 and 22-32 depend from independent claims 1, 11 and 21, respectively.

Listing of claims:

1. (Previously Presented) A method for providing location based configuration in a hybrid wired/wireless network, the method comprising:

identifying a location of a network device within the hybrid wired/wireless network, the network device being movable within the hybrid wired/wireless network;

determining, outside of said network device, configuration information for said network device, said configuration information corresponding to said determined location of said network device; and

communicating said determined configuration information to said network device for providing location based configuration of said network device.

2. (Original) The method according to claim 1, wherein said network device is selected from the group consisting of an access device, an access point and a switching device.

3. (Previously Presented) The method according to claim 2, comprising discovering configuration information from at least one of a database, and a memory associated with at least one of said access point and said switching device.

4. (Previously Presented) The method according to claim 3, wherein said discovering comprises scanning said database and said memory by said access device, access point and switching device to discover said configuration information.

5. (Previously Presented) The method according to claim 2, wherein said determining comprises scanning at least one RF channel by at least one of said access point and said access device to discover said configuration information.

6. (Original) The method according to claim 5, wherein said RF channel is at least one of a broadcast channel and a setup channel.

7. (Previously Presented) The method according to claim 1, comprising updating said network device with said communicated configuration information.

8. (Previously Presented) The method according to claim 7, comprising dynamically updating said network device with said communicated information

whenever it is determined that at least one network setting corresponding to a location of said network device has changed.

9. (Original) The method according to claim 1, wherein said determined information is at least one of bandwidth etiquette and sharing rules, channel availability, preferred channel, and available communication protocols.

10. (Previously Presented) The method according to claim 1, wherein said determining comprises:

sending a ping message to at least one network routing device;
receiving routing information associated with said ping message; and
triangulating locations of network routing devices named in said received routing information to determine said location of said network device.

11. (Previously Presented) A machine-readable storage, having stored thereon a computer program having at least one code section for providing location based configuration in a hybrid wired/wireless network testing, the at least one code section executable by a machine for causing the machine to perform the steps comprising:

identifying a location of a network device within the hybrid wired/wireless network, the network device being movable within the hybrid wired/wireless network;

determining, outside of said network device, configuration information for said network device, said configuration information corresponding to said determined location of said network device; and

communicating said determined configuration information to said network device for providing location based configuration of said network device.

12. (Original) The machine-readable storage according to claim 11, wherein said network device is selected from the group consisting of an access device, an access point and a switching device.

13. (Previously Presented) The machine-readable storage according to claim 12, comprising code for discovering configuration information from at least one of a database, and a memory associated with at least one of said access point and said switching device.

14. (Previously Presented) The machine-readable storage according to claim 13, wherein said discovering code section comprises code for scanning said database and said memory by said access device, access point and switching device to discover said configuration information.

15. (Previously Presented) The machine-readable storage according to claim 12, wherein said determining code section comprises code for scanning at least one RF channel by at least one of said access point and said access device to discover said configuration information.

16. (Original) The machine-readable storage according to claim 15, wherein said RF channel is at least one of a broadcast channel and a setup channel.

17. (Previously Presented) The machine-readable storage according to claim 11, comprising code for updating said network device with said communicated configuration information.

18. (Previously Presented) The machine-readable storage according to claim 17, comprising code for dynamically updating said network device with said communicated information whenever it is determined that at least one network setting corresponding to a location of said network device has changed.

19. (Original) The machine-readable storage according to claim 11, wherein said determined information is at least one of bandwidth etiquette and sharing rules, channel availability, preferred channel, and available communication protocols.

20. (Previously Presented) The machine-readable storage according to claim 11, wherein said determining code section comprises code for:

 sending a ping message to at least one network routing device;
 receiving routing information associated with said ping message; and
 triangulating locations of network routing devices named in said received routing information to determine said location of said network device.

21. (Previously Presented) A system for providing location based configuration in a hybrid wired/wireless network, the system comprising:

 an identifier adapted to identify a location of a network device within the hybrid wired/wireless network, the network device being movable within the hybrid wired/wireless network;

 a determinator adapted to determine, outside of said network device, configuration information for said network device, said configuration information corresponding to said determined location of said network device; and

 a communicator adapted to communicate said determined configuration information to said network device for providing location based configuration of said network device.

22. (Original) The system according to claim 21, wherein said network device is selected from the group consisting of an access device, an access point and a switching device.

23. (Previously Presented) The system according to claim 22, comprising a discoverer adapted to discover configuration information from at least one of a database, and a memory associated with at least one of said access point and said switching device.

24. (Previously Presented) The system according to claim 23, comprising a scanner adapted to scan said database and said memory by said access device, access point and switching device to discover said configuration information.

25. (Previously Presented) The system according to claim 22, comprising a scanner adapted to scan at least one RF channel by at least one of said access point and said access device to discover said configuration information.

26. (Previously Presented) The system according to claim 25, wherein said RF channel is at least one of a broadcast channel and a setup channel.

27. (Previously Presented) The system according to claim 21, comprising and updater adapted to update said network device with said communicated configuration information.

28. (Original) The system according to claim 27, wherein said updater may be adapted to dynamically update said network device with said communicated information whenever it is determined that at least one network setting corresponding to a location of said network device has changed.

29. (Original) The system according to claim 21, wherein said determined information is at least one of bandwidth etiquette and sharing rules, channel availability, preferred channel, and available communication protocols.

30. (Previously Presented) The system according to claim 21, comprising:
a sender adapted to send at least one ping message to a at least one network routing device;
a receiver adapted to receive routing information associated with said ping message; and
a triangulator adapted to triangulate locations of network routing devices named in said received routing information to determine said location of said network device.

31. (Previously Presented) The system according to claim 21, comprising at least one querying agent for querying a network device for location information.

32. (Previously Presented) The system according to claim 22, comprising at least one informing agent for informing at least one of said access point, access device and switching device of at least one network parameter related to location based configuration.